



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101647,519
Source: IFW0
Date Processed by STIC: 2/13/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004
TIME: 12:04:44

Input Set : A:\2314-269seq.txt
Output Set: N:\CRF4\02132004\J647519.raw

3 <110> APPLICANT: Fainzilber, Michael M.
4 Kits, Karel S.
5 Burlingame, Alma L.
6 Olivera, Baldomero M.
7 Walker, Craig
8 Watkins, Maren
9 Shetty, Reshma
10 Cruz, Lourdes J.
11 Imperial, Julita
12 Colledge, Clark
13 University of Utah Research Foundation
14 Vrije Universiteit
15 Regents of the University of California
17 <120> TITLE OF INVENTION: Gamma-Conopeptides
19 <130> FILE REFERENCE: 2314-147-sq2
C--> 21 <140> CURRENT APPLICATION NUMBER: US/10/647,519
C--> 22 <141> CURRENT FILING DATE: 2003-08-26
24 <150> PRIOR APPLICATION NUMBER: US 60/069,706
25 <151> PRIOR FILING DATE: 1997-12-16
27 <160> NUMBER OF SEQ ID NOS: 47
29 <170> SOFTWARE: PatentIn Ver. 2.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 42
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Description of Artificial Sequence:generic formula
38 of gamma-conopeptides
40 <220> FEATURE:
41 <221> NAME/KEY: PEPTIDE
42 <222> LOCATION: (1)..(13)
43 <223> OTHER INFORMATION: Xaa at residues 1, 2, 3, 4, 5, and 6 may be
44 des-Xaa or any amino acid; Xaa at residues 8, 9,
45 10, 11 and 12 may be any amino acid; Xaa at
46 residue 13 may be des-Xaa or any amino acid.
48 <220> FEATURE:
49 <221> NAME/KEY: PEPTIDE
50 <222> LOCATION: (15)..(19)
51 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino
52 acid; Xaa at residue 19 is Glu,
53 gamma-carboxyglutamate or Gln.
55 <220> FEATURE:
56 <221> NAME/KEY: PEPTIDE

pg. 6
Does Not Comply
Corrected Diskette Needed
(pg. 7-9)

RAW SEQUENCE LISTING DATE: 02/13/2004
 PATENT APPLICATION: US/10/647,519 TIME: 12:04:44

Input Set : A:\2314-269seq.txt
 Output Set: N:\CRF4\02132004\J647519.raw

57 <222> LOCATION: (22)..(28)
 58 <223> OTHER INFORMATION: Xaa at residues 22, 23 and 24 may be any amino
 59 acid; Xaa at residue 25 may be des-Xaa or any
 60 amino acid; Xaa at residues 27, 28 and 29 may be
 61 any amino acid.
 63 <220> FEATURE:
 64 <221> NAME/KEY: PEPTIDE
 65 <222> LOCATION: (30)..(42)
 66 <223> OTHER INFORMATION: Xaa at residues 30, 31 and 32 may be des-Xaa or
 67 any amino acid; Xaa at residues 34, 35, 36, 37,
 68 38, 39, 40, 41 and 42 may be des-Xaa or any amino
 69 acid.
 71 <400> SEQUENCE: 1
 W--> 72 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa
 73 1 5 10 15
 75 Xaa Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 76 20 25 30
 78 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 79 35 40
 82 <210> SEQ ID NO: 2
 83 <211> LENGTH: 42
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Artificial Sequence
 87 <220> FEATURE:
 88 <223> OTHER INFORMATION: Description of Artificial Sequence:generic
 89 sequence of gamma-conopeptides.
 91 <220> FEATURE:
 92 <221> NAME/KEY: PEPTIDE
 93 <222> LOCATION: (1)..(13)
 94 <223> OTHER INFORMATION: Xaa at residues 1, 2, 3, 4, 5 and 6 may be des-Xaa
 95 or any amino acid; Xaa at residues 8, 9, 10, 11
 96 and 12 may be any amino acid; Xaa at residue 13
 97 may be des-Xaa or any amino acid.
 99 <220> FEATURE:
 100 <221> NAME/KEY: PEPTIDE
 101 <222> LOCATION: (15)..(22)
 102 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino
 103 acid; Xaa at residue 19 is Glu,
 104 gamma-carboxyglutamate or Gln; Xaa at residue 22
 105 is Ser or Thr.
 107 <220> FEATURE:
 108 <221> NAME/KEY: PEPTIDE
 109 <222> LOCATION: (23)..(29)
 110 <223> OTHER INFORMATION: Xaa at residues 23 and 24 may be any amino acid;
 111 Xaa at residue 25 may be des-Xaa or any amino
 112 acid; Xaa at residues 27, 28 and 29 may be any
 113 amino acid.
 115 <220> FEATURE:
 116 <221> NAME/KEY: PEPTIDE

RAW SEQUENCE LISTING

DATE: 02/13/2004

PATENT APPLICATION: US/10/647,519

TIME: 12:04:44

Input Set : A:\2314-269seq.txt

Output Set: N:\CRF4\02132004\J647519.raw

117 <222> LOCATION: (30)..(42)

118 <223> OTHER INFORMATION: Xaa at residues 30, 31 and 32 may be des-Xaa or

119 any amino acid; Xaa at residues 34, 35, 36, 37,

120 38, 39, 40, 41 and 42 may be des-Xaa or any amino

121 acid.

123 <400> SEQUENCE: 2

W--> 124 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa

125 1 5 10 15

127 Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa

128 20 25 30

130 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

131 35 40

134 <210> SEQ ID NO: 3

135 <211> LENGTH: 39

136 <212> TYPE: PRT

137 <213> ORGANISM: Artificial Sequence

139 <220> FEATURE:

140 <223> OTHER INFORMATION: Description of Artificial Sequence:generic formula

141 of gamma-conopeptides

143 <220> FEATURE:

144 <221> NAME/KEY: PEPTIDE

145 <222> LOCATION: (1)..(13)

146 <223> OTHER INFORMATION: Xaa at residue 1 is any amino acid; Xaa at

147 residues 2, 3, 4, 5 and 6 may be des-Xaa or any

148 amino acid; Xaa at residues 8, 9, 10, 11, 12 and

149 13 may be any amino acid.

151 <220> FEATURE:

152 <221> NAME/KEY: PEPTIDE

153 <222> LOCATION: (27)..(39)

154 <223> OTHER INFORMATION: Xaa at residues 27, 28, 29, 31, 32, 33, 34, 35, 36

155 and 37 may be any amino acid; Xaa at residues 38

156 and 39 may be des-Xaa or any amino acid.

158 <220> FEATURE:

159 <221> NAME/KEY: PEPTIDE

160 <222> LOCATION: (15)..(19)

161 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino

162 acid; Xaa at residue 19 is Glu or

163 gamma-carboxyglutamate.

165 <400> SEQUENCE: 3

W--> 166 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa

167 1 5 10 15

169 Xaa Xaa Xaa Cys Cys Ser Asn Ser Cys Asp Xaa Xaa Xaa Cys Xaa Xaa

170 20 25 30

172 Xaa Xaa Xaa Xaa Xaa Xaa Xaa

173 35

176 <210> SEQ ID NO: 4

177 <211> LENGTH: 39

178 <212> TYPE: PRT

179 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 02/13/2004

PATENT APPLICATION: US/10/647,519

TIME: 12:04:44

Input Set : A:\2314-269seq.txt

Output Set: N:\CRF4\02132004\J647519.raw

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181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence:generic
183     sequence of gamma-conopeptides.
185 <220> FEATURE:
186 <221> NAME/KEY: PEPTIDE
187 <222> LOCATION: (1)..(13)
188 <223> OTHER INFORMATION: Xaa at residue 1 is any amino acid; Xaa at
189     residues 2, 3, 4, 5 and 6 may be des-Xaa or any
190     amino acid; Xaa at residues 8, 9, 10, 11, 12 and
191     13 may be any amino acid.
193 <220> FEATURE:
194 <221> NAME/KEY: PEPTIDE
195 <222> LOCATION: (15)..(19)
196 <223> OTHER INFORMATION: Xaa at residue 15 is Ser or Thr; Xaa at residues
197     16, 17 and 18 may be any amino acid; Xaa at
198     residue 19 is Glu or gamma-carboxyglutamate.
200 <220> FEATURE:
201 <221> NAME/KEY: PEPTIDE
202 <222> LOCATION: (27)..(39)
203 <223> OTHER INFORMATION: Xaa at residues 27, 28, 29, 31, 32, 33, 34, 35, 36
204     and 37 may be any amino acid; Xaa at residues 38
205     and 39 may be des-Xaa or any amino acid.
207 <400> SEQUENCE: 4
W--> 208 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa
      209   1           5           10           15
      211 Xaa Xaa Xaa Cys Cys Ser Asn Ser Cys Asp Xaa Xaa Xaa Cys Xaa Xaa
      212           20           25           30
      214 Xaa Xaa Xaa Xaa Xaa Xaa Xaa
      215           35
218 <210> SEQ ID NO: 5
219 <211> LENGTH: 34
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence:generic
225     sequence of gamma-conopeptides.
227 <220> FEATURE:
228 <221> NAME/KEY: PEPTIDE
229 <222> LOCATION: (1)..(6)
230 <223> OTHER INFORMATION: Xaa at residues 1 and 2 may be des-Xaa or any
231     amino acid; Xaa at residue 3 is Asp, Glu or
232     gamma-carboxyglutamate; Xaa at residues 5 and 6
233     may be any amino acid.
235 <220> FEATURE:
236 <221> NAME/KEY: PEPTIDE
237 <222> LOCATION: (7)..(16)
238 <223> OTHER INFORMATION: Xaa at residue 7 is Trp or 6-bromo-Trp; Xaa at
239     residues 9, 10, 13 and 14 may be any amino acid;
240     Xaa at residue 16 is Glu or

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RAW SEQUENCE LISTING

DATE: 02/13/2004

PATENT APPLICATION: US/10/647,519

TIME: 12:04:44

Input Set : A:\2314-269seq.txt

Output Set: N:\CRF4\02132004\J647519.raw

241 gamma-carboxyglutamate.
 243 <220> FEATURE:
 244 <221> NAME/KEY: PEPTIDE
 245 <222> LOCATION: (28)..(34)
 246 <223> OTHER INFORMATION: Xaa at residues 28, 30, 31, 32, 33 and 34 may be
 247 any amino acid.
 249 <400> SEQUENCE: 5
 W--> 250 Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Cys Thr Xaa Xaa Ser Xaa
 251 1 5 10 15
 253 Cys Cys Ser Asn Ser Cys Asp Gln Thr Tyr Cys Xaa Leu Xaa Xaa Xaa
 254 20 25 30
 256 Xaa Xaa
 260 <210> SEQ ID NO: 6
 261 <211> LENGTH: 32
 262 <212> TYPE: PRT
 263 <213> ORGANISM: Conus pennaceus
 265 <220> FEATURE:
 266 <221> NAME/KEY: PEPTIDE
 267 <222> LOCATION: (1)..(31)
 268 <223> OTHER INFORMATION: Xaa at residue 5 is Trp or 6-bromo-Trp; Xaa at
 269 residues 14 and 26 are Glu or
 270 gamma-carboxyglutamate; Xaa at residue 31 is Pro
 271 or hydroxy-Pro.
 273 <400> SEQUENCE: 6
 W--> 274 Asp Cys Thr Ser Xaa Phe Gly Arg Cys Thr Val Asn Ser Xaa Cys Cys
 275 1 5 10 15
 277 Ser Asn Ser Cys Asp Gln Thr Tyr Cys Xaa Leu Tyr Ala Phe Xaa Ser
 278 20 25 30
 284 <210> SEQ ID NO: 7
 285 <211> LENGTH: 34
 286 <212> TYPE: PRT
 287 <213> ORGANISM: Conus textile
 289 <220> FEATURE:
 290 <221> NAME/KEY: PEPTIDE
 291 <222> LOCATION: (1)..(34)
 292 <223> OTHER INFORMATION: Xaa at residues 1, 7 and 34 are Trp or
 293 6-bromo-Trp; Xaa at residues 3 and 16 are Glu or
 294 gamma-carboxyglutamate; Xaa at residues 31 and 32
 295 are Pro or hydroxy-Pro.
 297 <400> SEQUENCE: 7
 W--> 298 Xaa Leu Xaa Cys Ser Val Xaa Phe Ser His Cys Thr Lys Asp Ser Xaa
 299 1 5 10 15
 301 Cys Cys Ser Asn Ser Cys Asp Gln Thr Tyr Cys Thr Leu Met Xaa Xaa
 302 20 25 30
 304 Asp Xaa
 308 <210> SEQ ID NO: 8
 309 <211> LENGTH: 39
 310 <212> TYPE: PRT
 311 <213> ORGANISM: Conus textile

RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004
 TIME: 12:04:45

Input Set : A:\2314-269seq.txt
 Output Set: N:\CRF4\02132004\J647519.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27 ✓
 Seq#:1; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42 ✓
 Seq#:2; Xaa Pos. 1,2,3,4,5,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27 ✓
 Seq#:2; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42 ✓
 Seq#:3; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32 ✓
 Seq#:3; Xaa Pos. 33,34,35,36,37,38,39 ✓
 Seq#:4; Xaa Pos. 1,2,3,4,5,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32 ✓
 Seq#:4; Xaa Pos. 33,34,35,36,37,38,39 ✓
 Seq#:5; Xaa Pos. 1,2,3,5,6,7,9,10,13,14,16,26,30,31,32,33,34 ✓
 Seq#:6; Xaa Pos. 5,14,26,34 ✓
 Seq#:7; Xaa Pos. 1,3,7,16,31,32,34 ✓
 Seq#:8; Xaa Pos. 1,2,4,10,19,31,34,36,37,39 ✓
 Seq#:9; Xaa Pos. 9,13,17 ✓
 Seq#:10; Xaa Pos. 2,3,10,12,18,26,32,33 ✓
 Seq#:11; Xaa Pos. 3,5,16,18,22,25,31 ✓
 Seq#:12; Xaa Pos. 1,5,8,11 ✓
 Seq#:13; Xaa Pos. 5,8,10,15,16,23 ✓
 Seq#:14; Xaa Pos. 4,9,12,13,17 ✓
 Seq#:15; Xaa Pos. 8,15,16 ✓
 Seq#:24; N Pos. 17 ✓
 Seq#:36; Xaa Pos. 3,7,8,14,18 ✓
 Seq#:37; Xaa Pos. 1 ✓
 Seq#:39; N Pos. 12 ✓
 Seq#:41; N Pos. 6,9,12,15,18,21,24 ✓
 Seq#:42; Xaa Pos. 14,26,31 ✓
 Seq#:43; Xaa Pos. 9,13 ✓
 Seq#:44; Xaa Pos. 2 ✓
 Seq#:45; Xaa Pos. 1,6,7,8,12,17,18,23 ✓

10/647,519
Page 7

<210> SEQ ID NO 24
<211> LENGTH: 533
<212> TYPE: DNA
<213> ORGANISM: Conus textile
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (110)..(337)
<400> SEQUENCE: 24

ctctgccggt tgacac^otca tctactctct cagtctccct gacagctgcc ttcagtcgac 60

*mandatory, please
explain "N" locations.
please see error
explanation
on page 8.*

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.
Seq. (39, 41)

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004

TIME: 12:04:45

Input Set : A:\2314-269seq.txt

Output Set: N:\CRF4\02132004\J647519.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Error Explanation:

Seq#:1; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27
 Seq#:1; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42
 Seq#:2; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27
 Seq#:2; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42
 Seq#:3; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32
 Seq#:3; Xaa Pos. 33,34,35,36,37,38,39
 Seq#:4; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32
 Seq#:4; Xaa Pos. 33,34,35,36,37,38,39
 Seq#:5; Xaa Pos. 1,2,3,5,6,7,9,10,13,14,16,28,30,31,32,33,34
 Seq#:6; Xaa Pos. 5,14,26,31
 Seq#:7; Xaa Pos. 1,3,7,16,31,32,34
 Seq#:8; Xaa Pos. 1,2,4,10,19,31,34,36,37,39
 Seq#:9; Xaa Pos. 9,13,17
 Seq#:10; Xaa Pos. 2,3,10,12,18,26,32,33
 Seq#:11; Xaa Pos. 3,5,16,18,22,25,31
 Seq#:12; Xaa Pos. 1,5,8,11
 Seq#:13; Xaa Pos. 5,8,10,15,16,23
 Seq#:14; Xaa Pos. 4,9,12,13,17
 Seq#:15; Xaa Pos. 8,15,16
 Seq#:24; N Pos. 17
 Seq#:36; Xaa Pos. 3,7,8,14,18
 Seq#:37; Xaa Pos. 1
 Seq#:39; N Pos. 12
 Seq#:41; N Pos. 6,9,12,15,18,21,24
 Seq#:42; Xaa Pos. 14,26,31
 Seq#:43; Xaa Pos. 9,13
 Seq#:44; Xaa Pos. 2
 Seq#:45; Xaa Pos. 1,6,7,8,12,17,18,23

VERIFICATION SUMMARY

DATE: 02/13/2004

PATENT APPLICATION: US/10/647,519

TIME: 12:04:45

Input Set : A:\2314-269seq.txt

Output Set: N:\CRF4\02132004\J647519.raw

L:21 M:270 C: Current Application Number differs, Replaced Application Number

L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1

L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

M:341 Repeated in SeqNo=2

L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

M:341 Repeated in SeqNo=3

L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

M:341 Repeated in SeqNo=4

L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

M:341 Repeated in SeqNo=5

L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

M:341 Repeated in SeqNo=6

L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0

M:341 Repeated in SeqNo=7

L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0

M:341 Repeated in SeqNo=8

L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0

M:341 Repeated in SeqNo=9

L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0

M:341 Repeated in SeqNo=10

L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0

M:341 Repeated in SeqNo=11

L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0

L:433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0

M:341 Repeated in SeqNo=13

L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0

M:341 Repeated in SeqNo=14

L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0

L:734 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:24

L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0

L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0

M:341 Repeated in SeqNo=36

L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0

L:1140 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:39

L:1140 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:39

L:1140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0

L:1168 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:41

L:1168 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:41

L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0

L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

M:341 Repeated in SeqNo=42

L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0

L:1224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0

L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0

M:341 Repeated in SeqNo=45